Borogovia

Borogovia is a troodontid theropod dinosaur genus which lived during the Late Cretaceous Period, in what is now Mongolia.

The generic name *Borogovia* is derived from the 'borogoves'

In 1971, a Polish-Mongolian expedition discovered the remains of a small theropod at the Altan Ula IV site, in the Nemegt Basin of Ömnögovĭ province. In 1982, the find was reported by Halszka Osmólska and considered by her to be a possible specimen of *Saurornithoides*.[1] Later she concluded that it represented a species new to science.

In 1987, Osmólska named and described the type species *Borogovia gracilicrus*. The generic name is derived from the fantasy creatures known as 'borogoves' in the Lewis Carroll poem "Jabberwocky", in his *Alice's Adventures in Wonderland*. The specific name is a combination of Latin *gracilis*, "lightly built", and *crus*, "shin", in reference to the elegant build of the lower leg.[2]

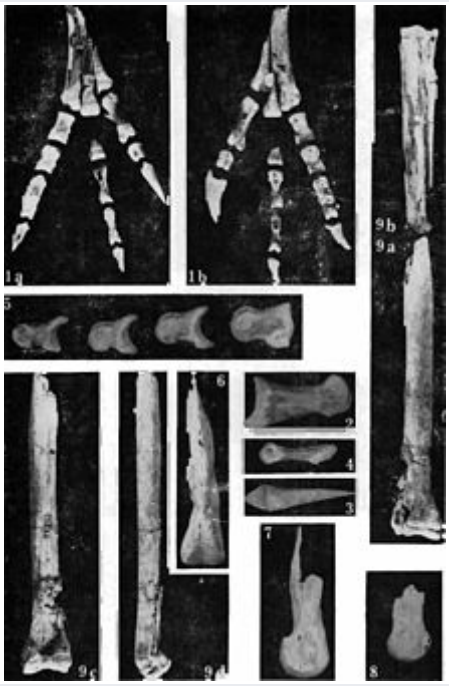
The holotype specimen, **ZPAL MgD-I/174**, was found in the Nemegt Formation, dating from the early Maastrichtian. It consists of two lower legs of a single individual, including fragments of both tibiotarsi, the undersides of both metatarsi and the second, third and fourth toes of each foot.[2]

The tibiotarsi have an estimated length of twenty-eight centimetres. *Borogovia* is about two meters (6 feet) long, weighing some twenty kilograms (forty-five pounds). The tibiotarsus is very elongated. The third toe is narrow. The second phalanx of the second toe is short. The claw of the second toe is short and relatively flat. Osmólska claimed that the second toe could not be hyperextended, and suggested that it had regained a weight-bearing function, compensating for the weakness of the third toe.[2]

Borogovia was assigned by Osmólska to the Troodontidae in 1987.[2]

See also

- Timeline of troodontid research

Borogovia
Temporal range: Late Cretaceous, 70 Ma
Pre€ € O S D C P T J K PgN

Leg bones of the holotype
Scientific classification
Kingdom: Animalia
Phylum: Chordata
Clade: Dinosauria
Clade: Saurischia
Clade: Theropoda
Family: †Troodontidae
Genus: †*Borogovia* Osmólska, 1987
Type species
†***Borogovia gracilicrus*** Osmólska, 1987
Species
†***B. gracilicrus*** Osmólska, 1987

References

1. Osmólska, H., 1982, "*Hulsanpes perlei* n.g.n.sp. (Deinonychosauria, Saurisichia, Dinosauria) from the Upper Cretaceous Barun Goyot Formation of Mongolia", *Neues Jahrbuch für Geologie und Paläontologie, Monatschefte* **1982**(7): 440-448
2. Osmólska, H., 1987, "*Borogovia gracilicrus* gen. et sp. n., a new troodontid dinosaur from the Late Cretaceous of Mongolia", *Acta Palaeontologica Polonica* **32**: 133-150

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